



Industrial Seminar & Exhibition on Green Chemistry & Engineering for Pharma API Industry

EUROPE (27th & 28th April' 2015 Hyderabad India)

SSS (Europe) AB was the knowledge partner in this seminar. A White Paper on “Indian Chemical Regulation (NCP)” - How it can contribute to Green Chemistry” was provided by SSS to all the seminar delegates as the knowledge partner.

The seminar had some interesting presentations on

- Green engineering in pharmaceutical industry
- Relevance of the 12 principles of Green chemistry in Pharma API manufacturing
- Tools and strategies for green chemistry implementation
- Green Solvent/Solvent recovery solutions
- Green catalysts for greener reactions
- Zero Liquid discharge solutions

Industrial case studies were presented by the below mentioned companies

- NATCO Pharma Ltd
- Geist Research Pvt. Ltd
- S-Amit Speciality Chemicals Ltd

There was a very interactive and interesting session of panel discussions on “Barriers to implement green chemistry and potential strategies”. The panelist included Dr. Naidu as the SSS representative, Director of Bulk Drug Manufacturers Association (BDMA), former director of Indian Institute of Chemical Technology, besides R&D heads of pharma majors like Dr. Reddy’s Laboratories & Novozymes.

The industry delegates were eager to know what the proposed National Chemical Policy (NCP) of India will hold for the Indian industry so that they could be prepared and avoid surprises. They debated if regulations were the only way to ensure that industry implements “greener” manufacturing processes to which it was indicated that success of voluntary initiatives had been limited and the mandatory nature of regulations would push industry to adopt cleaner and greener manufacturing techniques and innovate to find safer substitutes for hazardous chemicals. They also sought information on the incentives, if any, that were available to small sized companies for the adoption of greener manufacturing techniques.

The panelist provided the delegates with valuable inputs to their various queries and the industry delegates were very happy at the information received.

The exhibition comprised of greener solution providers as below:

- S-Amit Speciality Chemicals Ltd (Providing encapsulated catalysts for easier, faster and cleaner manufacturing process conversions)
- Geist Research Pvt. Ltd (Waste recycling solution provider)
- Rochem Separation Systems (India) Pvt. Ltd. (Providers of zero liquid discharge solutions)
- Sugam Paryavaran Vikalp Ltd (Providers of Innovative effluent recycling solutions through soil biotechnology)

This workshop organized by the Green Chemistree Foundation proved to be a good platform for the Green Chemistry & Engineering solution providers and the solution seeking pharmaceutical companies.